

# **PRODUCTION OF RECOMBINANT PROTEINS IN VIVO AND USE FOR GENERATING ANTIBODIES**

## Abstract

5 The invention is directed to methods of producing a protein by administering a  
nucleic acid encoding the protein to an animal. Following the administration of the  
nucleic acid to the animal, the protein is produced *in vivo* and is isolated by removing a  
biological sample from the animal. These methods allow for the rapid and efficient  
production and isolation of a protein encoded by any nucleic acid sequence of interest  
and can be used to generate antibodies that bind to the protein sequence.

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